**Oral Nutritional Supplement Adherence and Nutritional Outcomes in Hemodialysis Patients—A Prospective Study**

**Table S1.** The survivors-only longitudinal analysis

| | Median (IQR) total | | | p* |
|---|---|---|---|---|
| | 1st visit | 2nd visit | 3rd visit | |
| Creatinine (μmol/L) | 753 (628-933) | 745 (620-936) | 740 (641-955) | 0.47 |
| Urea (mmol/L) | 20.8 (18.3-23.6) | 21.2 (18.7-25.2) | 22.7 (18.7-25) | 0.23 |
| Albumin (g/L) | 38.9 (36.5-40.1) | 38.8 (36.6-41.1) | 38.5 (35.9-40.9) | 0.34 |
| Prealbumin (g/L) | 0.5 (0.4-0.6) | 0.6 (0.5-0.7) | 0.5 (0.4-0.7) | **0.031** |
| Hemoglobin (g/L) | 106 (98-115) | 110 (104-118) | 114 (103-120) | **0.032** |
| Leucocytes (x10$^9$/L) | 5.9 (4.8-7.4) | 5.7 (4.8-6.9) | 5.7 (4.8-6.4) | 0.31 |
| Thrombocytes (x10$^9$/L) | 176 (135-217) | 165 (131-199) | 167 (133-210) | 0.232 |
| Iron (μmol/L) | 10.5 (8-14) | 12 (8.5-15) | 12 (9-14.5) | 0.59 |
| TIBC | 39 (36-43) | 38 (34-42) | 38 (35-42) | 0.19 |
| Ferritin (μg/L) | 388 (256-492) | 402 (250-523) | 355 (215-488) | 0.21 |
| Calcium (mmol/L) | 2.19 (2.1-2.29) | 2.23 (2.15-2.31) | 2.21 (2.13 – 2.31) | 0.27 |
| Phosphorus (mmol/L) | 1.42 (1.14-1.72) | 1.5 (1.19-1.82) | 1.57 (1.33 - 1.81) | 0.09 |
| Potassium (mmol/L) | 5 (4.5-5.3) | 5 (4.4-5.5) | 5.3 (4.8-5.9) | **0.0001** |
| Glucose (mmol/L) | 5.7 (4.8 – 7.4) | 5.9 (4.7 – 7.7) | 5 (4.3 – 7.4) | **0.013** |
| CRP (mg/L) | 4.1 (1.15 – 4.1) | 4 (2.1 – 7.9) | 4 (2.1-7.9) | 0.27 |
| Cholesterol (mmol/L) | 4 (3.4 – 4.8) | 4 (3.3 – 4.9) | 3.9 (3.3 – 4.5) | 0.19 |
| Triglycerides (mmol/L) | 1.57 (1-2.22) | 1.5 (1.02-2.27) | 1.29 (0.97-1.76) | 0.59 |
| HDL (mmol/L) | 0.98 (0.81-1.26) | 0.97 (0.84-1.22) | 0.99 (0.82-1.24) | 0.74 |
| LDL (mmol/L) | 2.2 (1.73-2.72) | 2.07 (1.74-2.67) | 2.16 (1.63-2.76) | 0.25 |
| BW (kg) | 71 (57-82) | 70 (57-82) | 70 (58-79) | 0.27 |
| BMI (kg/m$^2$) | 24.7 (21.3-28) | 24.7 (21.4-27.9) | 25.4 (21.2-28.2) | 0.49 |
| MIS | 7 (5-9) | 8 (5-11) | 6 (4.5-8.5) | 0.003 |
| OH (L) | 2.4 (1.5-3.4) | 2.4 (1.2-3.8) | 1.9 (0.8-3) | **0.011** |
| LTI (kg/m$^2$) | 12.5 (10.2-14.5) | 11.4 (9.8-13.6) | 11.8 (9.8-14.1) | **0.01** |
| FTI (kg/m$^2$) | 11.3 (8.6-15.1) | 12.1 (9.1-15.7) | 11.9 (8.8-15.9) | 0.08 |
| NC (cm) | 38 (35-41.3) | 40 (35-41.3) | 40 (35-41.3) | **0.035** |
| MUAC (cm) | 27.5 (25-30) | 28 (26-31.6) | 29 (26-32) | **0.001** |
| WC (cm) | 92.5 (82-104.3) | 95.5 (85-105) | 98 (85-106) | **0.017** |
| HC (cm) | 100 (93.8-107) | 101.5 (97-107.3) | 100.5 (95.9-109.3) | 0.17 |
| SST (mm) | 14.8 (10-21) | 14 (9.8-19.1) | 15 (10-18.5) | **0.01** |

**Table S2.** Predictors of a mortality (multivariate regression analysis); p <0.05 is considered statistically significant.

| Predictors | β | St. error | Wald | P | OR | 95% CI |
|---|---|---|---|---|---|---|
| **1st visit** | | | | | | |
| BW (kg) | -0.03 | 0.02 | 1.89 | 0.17 | 0.97 | 0.94-1.01 |
| MIS | 0.27 | 0.09 | 8.37 | **0.004** | 1.3 | 1.09-1.58 |
| Albumin (g/L) | -0.28 | 0.09 | 8.86 | **0.003** | 0.76 | 0.63-0.91 |
| Prealbumin (g/L) | -1.96 | 2.06 | 0.91 | 0.34 | 0.14 | 0.003-7.89 |
| Cholesterol (mmol/L) | 0.23 | 0.25 | 0.86 | 0.35 | 1.26 | 0.77-2.05 |
| Triglycerides (mmol/L) | 0.01 | 0.31 | 0.002 | 0.97 | 1.01 | 0.55-1.86 |
| HDL (mmol/L) | 0.24 | 0.58 | 0.17 | 0.68 | 1.27 | 0.41-3.93 |
| LDL (mmol/L) | 0.24 | 0.29 | 0.67 | 0.41 | 1.27 | 0.71-2.28 |
| OH (L) | 0.28 | 0.19 | 2.33 | 0.13 | 1.33 | 0.92-1.92 |
| LTI (kg/m$^2$) | -0.14 | 0.11 | 1.57 | 0.21 | 0.87 | 0.70-1.08 |
| FTI (kg/m$^2$) | -0.02 | 0.06 | 0.15 | 0.70 | 0.97 | 0.86-1.10 |
| NC (cm) | 0.03 | 0.06 | 0.27 | 0.60 | 1.03 | 0.91-1.17 |
| MUAC (cm) | -0.19 | 0.08 | 5.32 | **0.02** | 0.83 | 0.70-0.97 |
| WC (cm) | 0.01 | 0.02 | 0.12 | 0.73 | 1.01 | 0.97-1.04 |
| HC (cm) | -0.03 | 0.03 | 1.001 | 0.32 | 0.97 | 0.92-1.03 |
| SST (mm) | -0.07 | 0.04 | 2.33 | 0.13 | 0.93 | 0.86-1.02 |
| TST (mm) | -4.72 | 2.90 | 2.64 | 0.10 | 0.009 | 0-2.64 |
| **2$^{nd}$ visit** | | | | | | |
| BW (kg) | -0.03 | 0.02 | 1.7 | 0.19 | 0.97 | 0.92-1.02 |
| MIS | 0.14 | 0.08 | 2.93 | 0.08 | 1.16 | 0.97-1.37 |
| Albumin (g/L) | -0.20 | 0.08 | 5.55 | **0.02** | 0.82 | 0.69-0.97 |
| Prealbumin (g/L) | -2.57 | 2.46 | 1.09 | 0.39 | 0.08 | 0.001-9.5 |
| Cholesterol (mmol/L) | -0.49 | 0.39 | 1.59 | 0.21 | 0.61 | 0.29-1.31 |
| Triglycerides (mmol/L) | -0.85 | 0.61 | 1.93 | 0.16 | 0.43 | 0.13-1.42 |
| HDL (mmol/L) | 1.55 | 0.77 | 4.07 | **0.04** | 4.71 | 1.05-21.2 |
| LDL (mmol/L) | -0.86 | 0.54 | 2.52 | 0.11 | 0.42 | 0.15-1.22 |
| OH (L) | 0.28 | 0.22 | 1.62 | 0.20 | 1.33 | 0.86-2.05 |
| LTI (kg/m$^2$) | -0.21 | 0.16 | 1.67 | 0.20 | 0.81 | 0.59-1.12 |
| FTI (kg/m$^2$) | 0.01 | 0.07 | 0.04 | 0.84 | 1.01 | 0.88-1.17 |
| ON (cm) | -0.06 | 0.09 | 0.34 | 0.56 | 0.94 | 0.78-1.15 |
| MUAC (cm) | -0.25 | 0.12 | 4.11 | **0.04** | 0.78 | 0.61-0.99 |
| WC (cm) | -0.007 | 0.03 | 0.08 | 0.78 | 0.99 | 0.94-1.05 |
| HC (cm) | -0.03 | 0.03 | 1.04 | 0.61 | 0.97 | 0.92-1.03 |
| SST (mm) | -0.16 | 0.09 | 3.23 | 0.07 | 0.85 | 0.72-1.01 |
| TST (mm) | -0.34 | 0.14 | 6.24 | **0.01** | 0.71 | 0.54-0.92 |